

DEVELOPMENT OF STAKING CONFIGURATIONS FOR K-RAIL

SUMMARY TABLE

Test	Test Date	K-rail Configuration	Stake Configuration	350 Evaluation	Maximum Deflection
551	02/24/99	8 pinned sections	Fully staked, 4 per section (upcapped stakes)	Pass	2.76"
E-tech	04/11/00	12 pinned sections	Not staked	Pass	43.3"
671	06/09/05	Median, 12 pinned sections	2 uncapped stakes, opposing corners, continuous pattern	Fail	14.57"
672	06/24/05	Median, 12 pinned sections	4 uncapped stakes, every other section	Fail	8.07"
673	08/24/05	Median, 13 pinned sections	4 capped stakes, every other section	Pass (pending)	6.42"
674	10/05/05	Excavation, 13 pinned sections	4 capped stakes, every other section	Pass (pending)	26.38"
675	10/25/05	Excavation, 12 pinned sections	2 capped stakes, traffic side	Not reviewed	13.44"